ABSTRACT OF THE DISCLOSURE

A woven pool cover fabric comprising a thermoplastic warp yarn and a thermoplastic fibrillated weft filling yarn, providing at least 95% shade. A woven swimming pool cover having polyolefin warp yarns and fibrillated polyolefin weft yarns is lightweight, water permeable, and provides 100% shade, thus preventing algae growth and debris accumulation in the pool, as well as facilitating ease of installation and removal of the cover.